

WHAT IS CLAIMED IS:

*Sub B1* 1. A spotting pin used for spotting a reagent on a plate, wherein a tip of the pin comprises at least one recess.

2. The spotting pin of claim 1, wherein the reagent is any one of a probe, binding agent, or any combination thereof.

3. The spotting pin of claim 1, wherein the recess is of a concave shape.

4. The spotting pin of claim 1, wherein the recess comprises at least one groove.

*Sub B1* 5. The spotting pin of claim 1, wherein the recess comprises a radially-shaped groove.

6. The spotting pin of claim 1, wherein the recess comprises at least one V-shaped notch.

*Sub B3* 7. A device for producing a biochip comprising probes spotted on a plate, said device comprising a spotting pin having a tip wherein the tip comprises at least one recess.

*add B4*